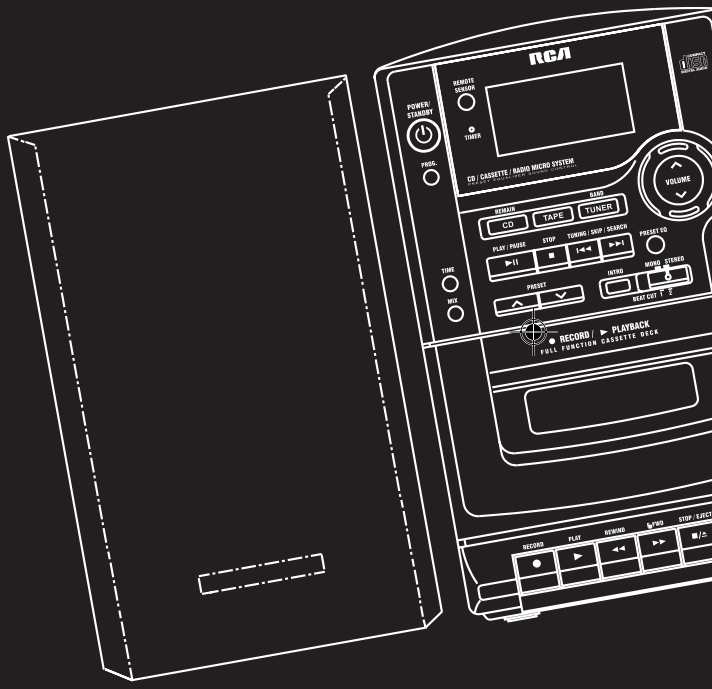
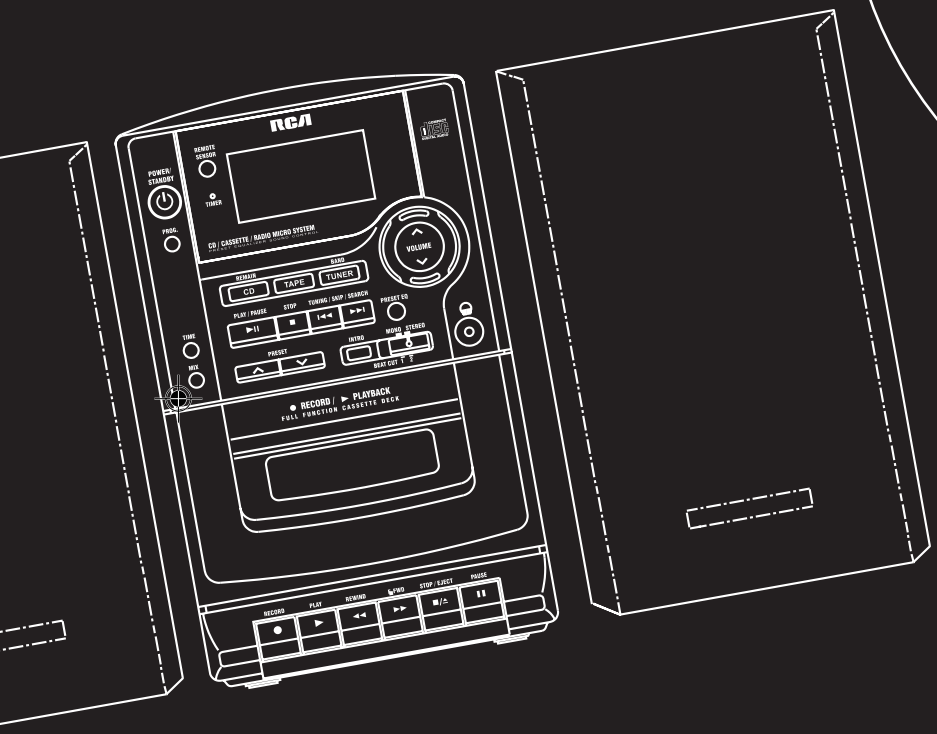



Thomson multimedia Inc.
10330 N. Meridian St.
Indianapolis, IN 46290
© 2001 Thomson multimedia Inc.
Trademark(s)© Registered
Marca(s) © Registrada(s)
Marque(s) © Deposée(s)
55147890 (EN/F/E)
www.rca.com

RCA

user manual




RS1290

# FCC Information

## RCA Information

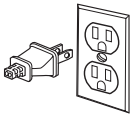
This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.
This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.
This equipment has been type tested and found to comply with the specifications in Subpart J of Part 15 of FCC Rules. These rules are designed to provide reasonable protection against radio and television interference in a residential installation. However, there is no guarantee that interference will not occur in particular installations.
If this equipment does cause interference to radio or television reception (which you can determine by turning the equipment off and on), try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions.
Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

## For Your Safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way. If it still won't fit, contact a qualified electrician to change the outlet, or use a different one. **Do not attempt to bypass this safety feature.**



**CAUTION:** TO PREVENT ELECTRONIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

## Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

## For Your Records

According to some state laws, and in the event that service should be required, you may need both the model number and the serial number. In the space below, record the date and place of purchase, and the serial number:
Model No.
Remore Control No.
Date of Purchase
Serial No.

Have a Blast- Just Not in Your Eardrums!

Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.

**WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.**

| | | |
|---|---|---|
| THE LIGHTNING FLASH AND ARROW-HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT. | **CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN<br>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. | THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT. |
| SEE MARKING ON BOTTOM / BACK OF PRODUCT | | |

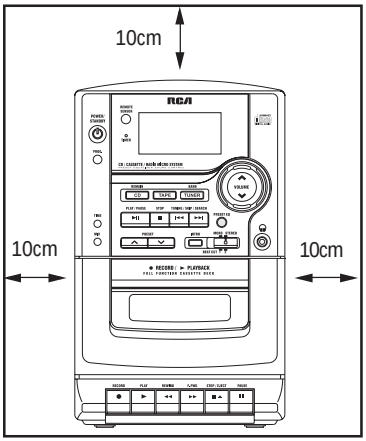
# Contents

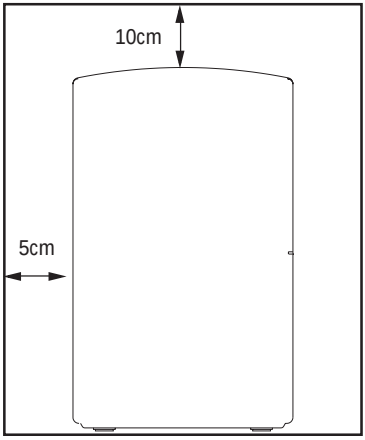

FCC Information ..... inside cover
Installation ..... 1
CD Micro System ..... 2
Remote Control ..... 3
Tuner ..... 4
Time Settings ..... 5
Tape Deck ..... 6
CD Player ..... 7
Troubleshooting Tips ..... 8
Maintenance ..... 8
More Information ..... 9
Limited Warranty ..... 10

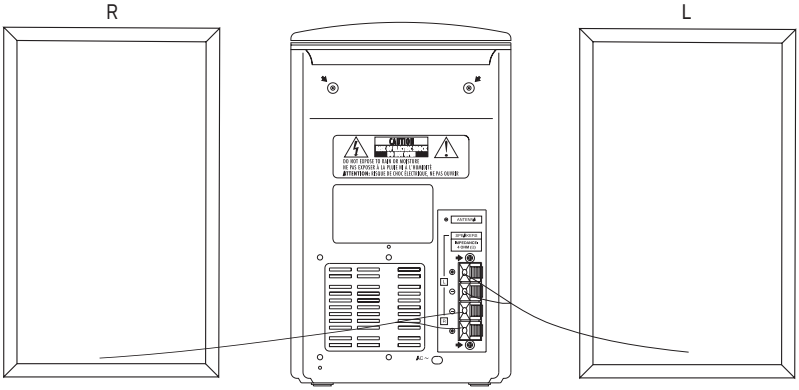

EN

# Installation

***To ensure sufficient ventilation, keep the spacing shown as below:***




***The black and red ends of a speaker wire should be connected respectively to a set of black and red terminals.***

EN

**CD** – switches to CD mode
**PHONES** – connects headphones. Sound output will then be through the headphones instead of the speakers.
**POWER/STANDBY** (for RCA models only) / **POWER/ECO** (for THOMSON models only)– turns on/off the unit. Remember to unplug the power cord from the power outlet if you are not going to use the system for some time. In ECO mode, the power consumption is below 3W.
**PROG** – confirms your settings
**TAPE** – switches to tape mode
**TIME** – shows clock time and sets on, off and sleep time
**TIMER** – turns on the on and off time function
**TUNER** – switches to tuner mode
**TUNING/SKIP/SEARCH** – When CD mode is activated, it skips forward or backward to the next tracks. When tuner mode is activated, it searches or skips the stations.
**VOLUME** – adjusts the amount of sounds provided by the unit

## CD buttons

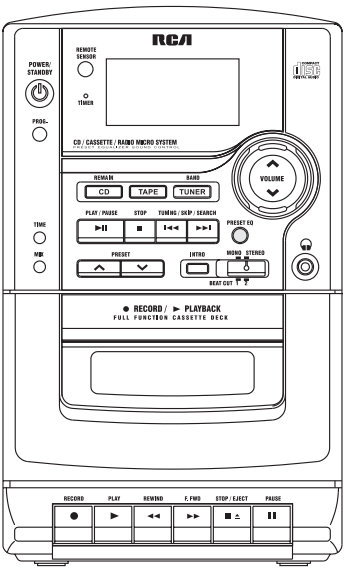
INTRO **INTRO** – plays every track for 10 seconds
MIX / SHUFFLE **SHUFFLE/MIX** (SHUFFLE for RCA / MIX for Thomson) – plays tracks randomly
▶II **PLAY/PAUSE** – plays and pauses the disc
PRESET EQ **PRESET EQ** – provides different sound effects which include classic, jazz, rock and pop
■ **STOP** – ceases the playback

## Tuner buttons

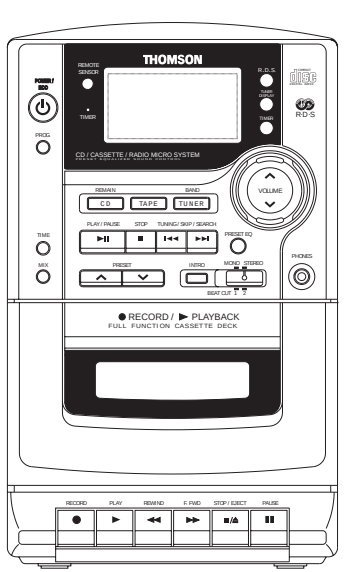
**MONO STEREO** – toggles between mono/stereo FM receptions.
**PRESET** – turns to the station memory locations you have set before
**RDS** (for Thomson models only) – shows station name, program type and traffic information and sets the function of clock synchronization.
**TUNER DISPLAY** (for Thomson models only) – shows station name, station details, station type, preset location and station frequency.

## Tape buttons

►► **F. FWD** – makes the tape go forwards.
II **PAUSE** – stops the function temporarily
► **PLAY** – play the cassette tape
● **RECORD** – records from CD or tuner
◄◄ **REWIND** – makes the tape go backwards.
■/≙ **STOP/EJECT** – ceases the playback and open




**RS1290**




**AM1150/AM1155**

EN

## Remote Control Operations

Basically, most of the function keys on the remote control can be found on the unit besides **MUTE** and **REPEAT 1/ALL**.

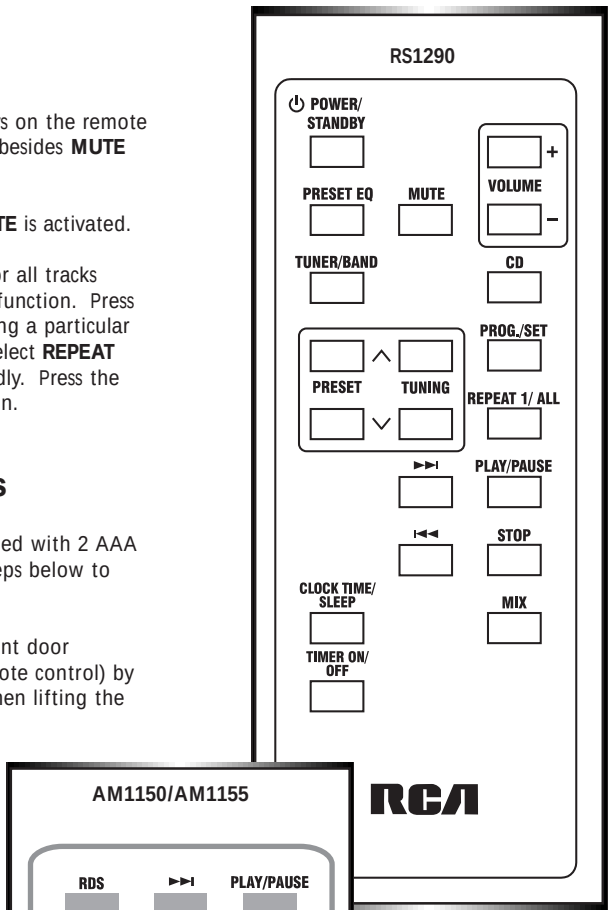
**MUTE**-the unit is silent when **MUTE** is activated.

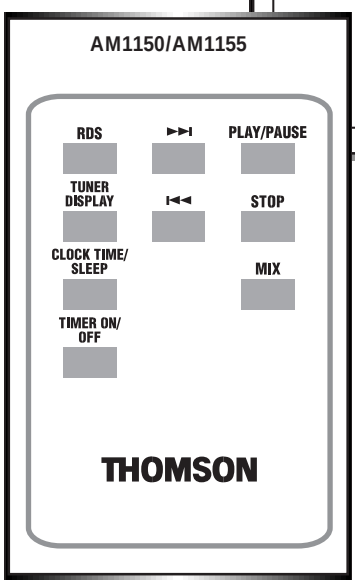
**REPEAT 1/ALL**-a particular track or all tracks plays repeatedly by selecting this function. Press once to select **REPEAT 1** for playing a particular track repeatedly. Press twice to select **REPEAT ALL** for playing all tracks repeatedly. Press the third time to de-select this function.

## Installing Batteries

The remote control must be inserted with 2 AAA batteries prior use. Follow the steps below to ensure correct installation.

1. Remove the battery compartment door (located at the back of the remote control) by applying thumb pressure and then lifting the door out and off the cabinet.
2. Before inserting the batteries, observe the polarities (that is, + and -) of the battery, then relate the polarities to the engraved diagram inside the battery compartment. Now insert the batteries.
3. After installation of the batteries, replace and fit the lid to cover the batteries. Lightly push it close with a snap.



EN

## Searching for a Station

1. Press **TUNER**.
2. Select a radio band by pressing **TUNER**:
   FM – Frequency Modulation
   AM – Amplitude Modulation (for RCA models only)
   MW – Medium Wave (for Thomson models only)
   LW – Long Wave (for Thomson models only)
   Choose **STEREO** at the **MONO STEREO** switch at the front side of the unit when you are listening to FM stations. In FM band, **STEREO** lights when the system is receiving a FM station in stereo.
3. Press **TUNING/SKIP/SEARCH** to search for a radio station. To search it automatically, press and hold **TUNING/SKIP/SEARCH** for 1 second. For the US, FM = 87.5 – 107.9 while AM = 520 – 1710. For Europe, FM = 87.5 – 108, MW = 525 – 1602 and LW = 138 – 283.

## Presetting a Station

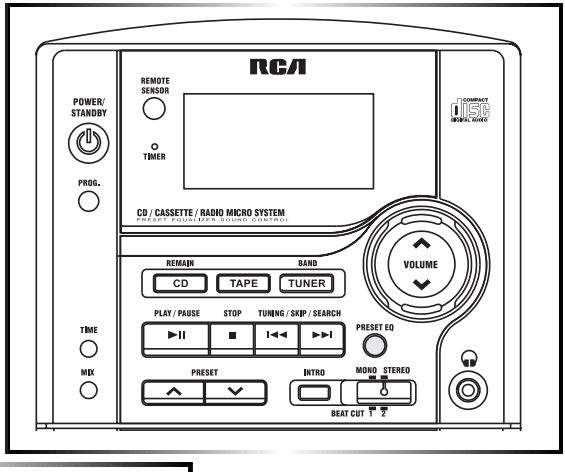
1. Press **TUNER**.
2. Press **TUNING/SKIP/SEARCH**.
3. Press **PROG**.
4. Press **PRESET** to select memory location (up to 24 memory locations) When you are selecting the preset location, **MEMO** is flashing.
5. Press **PROG** to confirm the setting.

## Listening to the Preset Station

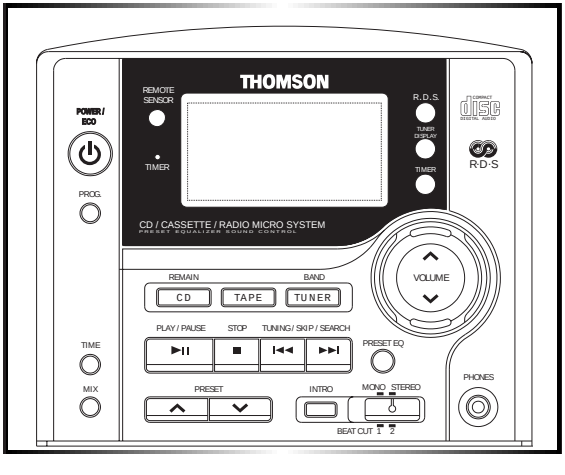
1. Press **TUNER**.
2. Press **PRESET** to locate your desired memory location.

## Radio Data System (RDS) (for Thomson models only)

RDS stations broadcast on FM only. When the tuner detects a RDS signal, **RDS** is shown.




RS1290




AM1150/AM1155

EN

### *Tuning to an RDS Station*

Press **TUNING/SKIP/SEARCH** to tune a RDS station.
The unit provides different information when **TUNER** is selected. You may:
1. toggle **R.D.S.** to display the station frequency (e.g. **FM XX.XX MHz**), program type (e.g. **NO TYPE**), traffic information (e.g. **INFO OFF**), clock synchronization (e.g. **SYNC OFF**).
2. toggle **TUNER DISPLAY** to display station name (**RDS NAME**), station details (**RDS TEXT**), station type (**RDS TYPE)**, preset location (**PRESET**) and station frequency (**FREQ**).

R.D.S. may search for the station by program type.
1. Press **TUNER**.
2. Press **R.D.S.** until program type is shown. Program type includes **NO TYPE, SPECIAL, CLASSIC, LIGHT, MUSIC, PROCK, POP, VARIETY, SCIENCE, CULTURE, DRAMA, TRAINNG, SPORT, INFO, POLITIC** and **NEWS**.
3. Select the program type you desire to listen to by pressing **PRESET**.
4. Press **TUNING/SKIP/SEARCH**. Then, the unit will search for a station to match with the program type you have chosen. When the unit is searching the station, **PTY** icon keeps on flashing and **NAME** icon is seen.

You may read traffic information or set the clock time automatically by pressing **PROG** to select **INFO ON** or **SYNC ON** respectively. When **INFO ON** is activated, **TRAFFIC INFO** icon will be displayed. When **SYNC ON** is activated, the clock time follows station signal, if not, the time will follow the internal CPU clock.

# Time Settings

## Setting Clock Time

RCA models show time in 12-hour standard whlle Thomson models show time in 24-hour standard.

### *Manual Setting*

1. Press **TIME** until **CLK** icon is shown.
2. Press **TUNING/SKIP/SEARCH** to set time.
3. Press **PROG** to confirm the setting.

### *Setting Clock Time Automatically (for Thomson models only)*

1. Press **TUNER** to select FM band.
2. Press **TUNING/SKIP/SEARCH** for RDS station (**RDS** icon is seen when the unit is receiving a RDS station).
3. Press **R.D.S.** until **SYNC OFF** icon is shown.
4. Press **PROG** to select **SYNC ON**. Then, the time will be set automatically.

## Setting Timer

1. Press **TIME** until **ON** icon is displayed.
2. Press **TUNING/SKIP/SEARCH** to set the time.
3. Press **PROG**.
4. Press **TIME** until **OFF** icon is shown.
5. Press **TUNING/SKIP/SEARCH** to set the time.
6. Press **PROG** to confirm setting.
7. Press **TIMER** at the unit or **TIMER ON/OFF** at the remote control to turn on the time function. The red indicator will light when the timer function is on.

## Setting Sleep Time

1. Press **TIME** until **SLEEP** icon is displayed.
2. Press **TUNING/SKIP/SEARCH** to set the sleep time. The setting time is changed in 10-minute increments between 10 minutes and 90 minutes.
3. Press **PROG** to confirm the setting.

EN

## Playing Cassette Tape

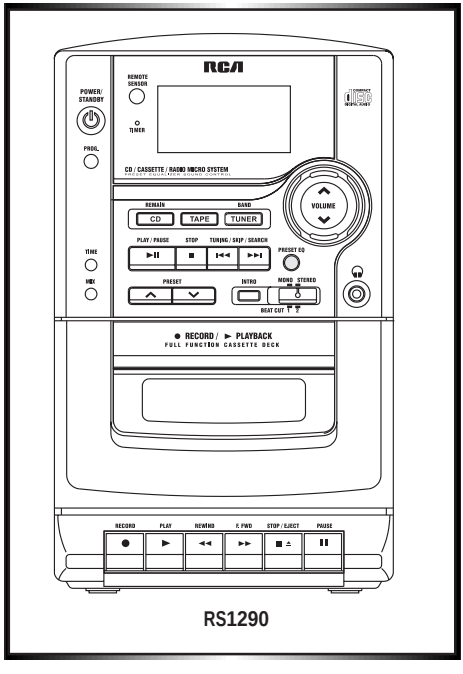
1. Press **TAPE** to select tape mode.
2. Press **STOP/EJECT** to open the deck door.
3. Load a cassette tape into the deck. Then, lightly press the deck door closed.
4. Press **PLAY** to start tape play.
5. Press **STOP/EJECT** to stop.

## Recording a Radio Program

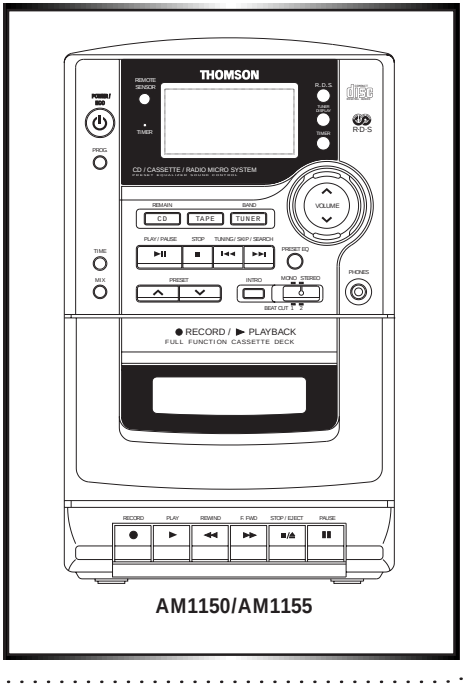
1. Press **TUNER** to select tuner mode.
2. Tune to the station you desire to record by pressing either **PRESET** or **TUNING/SKIP/SEARCH**.
3. Press **RECORD** to start recording. When the button is pressed, the **PLAY** button is pressed at the same time.
4. Press **STOP/EJECT** to stop recording. Press **PAUSE** to pause recording. To resume recording, press **PAUSE** again.

## Recording a CD

1. Press **CD** to select CD mode.
2. Press either **TUNING/SKIP/SEARCH** to select the track that you want to record.
3. Press **RECORD** to record. CD is playing automatically at the same time.
4. Press **STOP** to stop recording.

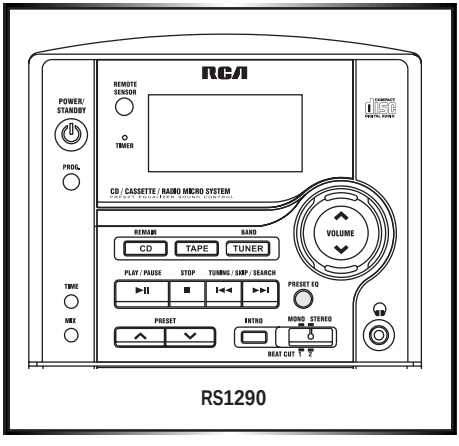



**RS1290**

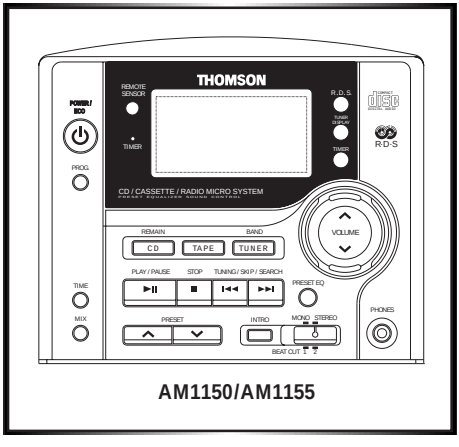



**AM1150/AM1155**

EN




RS1290




AM1150/AM1155

## Loading and Playing CDs

1. Push lightly to open the CD door. Load a CD (with labelled side facing up) into the CD compartment. Then, close the door by pushing it down lightly.
2. Press **CD** to select CD mode and the power will be turned on automatically.
3. Press **PLAY/PAUSE** to play.
   You may:
   - skip to other tracks by pressing **TUNING/ SKIP/SEARCH**.
   - press **REPEAT 1/ALL** once to play a particular track repeatedly. **REPEAT** is shown in the display simultaneously. Press **REPEAT 1/ALL** again to play all tracks repeatedly, at the same time, **REPEAT** is flashing in the display. Press **REPEAT 1/ALL** third time to de-select the function.
   - listen the tracks randomly by pressing **SHUFFLE/MIX**.
4. Press **STOP** to stop playback.

Tip: If the CD compartment is not loaded with a CD or the CD is unreadable, the message "**NO DISC**" will be shown.

## Setting Intro Play

Intro Play let you enjoy the CD tracks for 10 seconds. When the last track has played for 10 seconds, the Intro Play stops.

1. Follow step 1 and 2 of "Loading and Playing CDs" above.
2. Press **INTRO** and the **INTRO** icon will be shown.
3. Press **PLAY** to start playback form the first track. You may press **TUNING/SKIP/SEARCH** to select a particular track.
4. Press **INTRO** again to exit intro play.

## Programming

1. Select CD mode by pressing **CD**.
2. Press **PROG** after the CD has been loaded into the system. The message **"00 PRO 1"** will be shown on the display.
3. Press **TUNING/SKIP/SEARCH** to select a track to be stored into memory location 1.
4. Press **PROG** to confirm your selection and store that track into memory. Repeat step 3 and this step until you have stored enough tracks or 32 tracks into memory. **PROGRAM** keeps flashing when you are setting the program.
5. Press **PLAY/PAUSE** to run the preset program. When the unit is playing the program, **PROGRAM** is shown instead of flashing.
6. Press **STOP** or open the CD compartment door to clean the stored program.

# Troubleshooting Tips

EN

| Problem | Solution | Problem | Solution |
|---|---|---|---|
| System will not turn on | Check power cord for a secure connection.<br>Unplug the unit for a moment, and then plug into power source again.<br>Check the outlet by plugging in another device. | Distorted or noisy tape recordings | Inspect the tape heads and clean and demagnetize. |
| No sound | Increase the volume setting.<br>Check connection to speakers.<br>Check that you have selected the appropriate function: CD, TAPE, TUNER. | Remote control does not work | Check that the batteries are properly installed.<br>Replace weak batteries.<br>Check the system is plugged in to power source.<br>Point the remote directly at the system's front panel.<br>Move closer to the system.<br>Remove any obstacles between the remote and the system. |
| Poor radio reception | Check antenna connection.<br>Move antenna.<br>Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights. | CD souds skips | Clean the dics.<br>Check disc for warping, scratches, or other damage.<br>Check if something is causing the system to vibrate. If so, move the system. |
| CD does not play | Check that CD is in the tray.<br>Check that CD label is facing up.<br>Check that PAUSE mode is not on.<br>Check that CD function is selected. | | |

# Maintenance

Disconnect the audio system from the power source before performing any maintenance.

## Cleaning

Clean the exterior of the system using a soft dust cloth.

## CD Player

**CAUTION!** This system operates with a laser. It must be opened by only a qualified technician.

## Handling CDs

• Do not touch the signal surfaces. Hold CDs by the edges, or by one edge and the hole.

• Do not affix labels or adhesive tapes to the label surfaces. Do not scratch or damage the label.

• CDs rotate at high speeds inside the player. Do not use damaged (cracked or warped) CDs

• Make sure CDs are stored in their original case after use. Keep them away from damp, humid or abnormally heated places.

## Cleaning CDs

• Dirty CDs can cause poor sound quality. Always keep CDs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.

• If a CD becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.

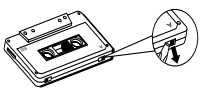
• Do not use record cleaning sprays or antistatic agents on CDs. Also, never clean CDs with benzene, thinner, or other volatile solvents which may cause damage to disc surface.

## CD Lens Care

• When your CD lens gets dirty it can also cause the system to output poor sound quality. To clean the lens you will need to purchase a CD lens cleaner which can maintain the output sound quality of your system. For instructions on cleaning the CD lens, refer to the ones accompanying the lens cleaner.

## Tape Player

• To prevent deterioration of sound quality, periodically open the door of each deck and clean the magnetic heads, pinch roller, and capstan with a cotton bud dipped in alcohol.



• Also, demagnetize the head by playing a demagnetizing cassette (available through an audio equipment store).

• To protect your recordings from accidental erasure on one or both sides of your cassette, snap out the tab at the top of the cassette. If you decide later to record on the tape, seal the hole with a piece of adhesive tape. (Refer to diagram on the right)

• Quit Slacking - A little bit of slack in your tapes can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert it.

## Safety Precautions

• Never open the cabinet under any circumstances. Any repairs or internal adjustments should be made only by a trained technician.

• Never operate this product with the cabinet removed.

• Do not touch the player with wet hands. If any liquid enters the player cabinet, take the player to a trained technician for inspection.

• This compact disc player uses a laser to read the music on the disc. The laser mechanism corresponds to the cartridge and stylus of a record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.

• Discs rotate at high speed inside the player. Do not use damaged, warped, or cracked discs.

• Prevent damage to this product, set switch for proper voltage.

• Do not touch the pick-up lens which is located inside the disc compartment. Also, to keep dust from collecting on the pick-up lens and do not leave the compartment door open for an extended period of time. If the lens becomes dirty, clean it with a soft brush, or use an air blower brush designed for camera lenses.

## Important Batteries Information

• Remove the batteries to avoid leakage if you do not use your remote control for more than one month. Discard leaky batteries immediately as leaking batteries may cause skin burns or other personal injuries. Dispose of batteries in the proper manner, according to provincial and local regulations. Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.

## Headset Safety

• Do not play your headset at a high volume. Hearing experts are against continuous extended play.

• If you experience a ringing in your ears, reduce volume or discontinue use it.

• You should use be extreme caution or temporarily discontinue use it in potentially hazardous situations. Even if you headset is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you are unable to hear what is around you.

## Information labels

They are placed behind and inside the set.
The unit complies with international safety specifications IEC 65 (VDE 0860) and with European directives, 82/499/EWG (VDE 0875).

## Technical Specifications

- Power supply: 120V~60Hz (for RCA models only); 230V~50Hz (for Thomson models only)
- Speaker impedance: 8 ohm
- Phone impedance: 32 ohm
- Dimensions (mm): W: 440 - H: 230 - D: 220
- Tape deck: Response curve: 125Hz-8kHz (-5dB)
- CD player: Response curve (+/- 2dB): 20Hz to 20 kHz
- Rating Plate: Look for it at the back of the set.

The descriptions and characteristics in this owner's manual are for the purpose of general reference only and not as a guarantee. In order to provide you with the highest quality product, we may make changes or modifications without prior notice. The English version serves as the final reference on all product and operational details should any discrepancies arise in other languages.

# Limited Warranty

**What your warranty covers:**

Any defect in materials or workmanship.

**For how long after your purchase:**

• One year for labor and parts

• The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

**What we will do:**

• Pay any Authorized RCA Audio Service Center the labor charges to repair your unit.

• Pay any Authorized RCA Audio Service Center for the new or, at our option, refurbished replacement parts required to repair your unit.

**How you get service:**

• Take your unit to any Authorized RCA Audio Service Center. To identify your nearest Authorized RCA Audio Service Center, ask your dealer, look in the Yellow Pages, or call 1-800-336-1900. (for Canada, call Canadian Customer Relations 1-800-522-0338)

• Show the Authorized Service Center Representative your evidence of purchase date or first rental.

• Pick up your unit when repairs are completed.

**What your warranty *does not* cover:**

• Customer instruction. (Your Owner's Manual clearly describes how to install, adjust, and operate your unit. Any additional information should be obtained from your dealer.)

• Installation and related adjustments.

• Signal reception problems not caused by your unit.

• Damage from misuse or neglect.

• Cleaning of audio heads.

• Batteries.

• A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.

• A unit purchased or serviced outside the U.S.A. and Canada.

• Acts of nature, such as but not limited to lightning damage.

**Product Registration:**

• Please complete and mail the Product Registration Card packed with your product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

**How State Law relates to warranty:**

• This warranty gives you specific legal rights and you also may have other rights that vary from state to state.

**If you purchased your unit outside the United States and Canada:**

• This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.